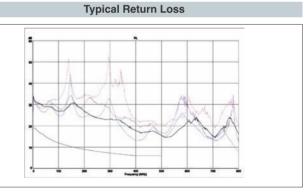
## **Augmented Category 6 S/FTP 100 Ohm Modular Cords**

<b>Transmission Pro</b>	perties and	Electrical S	pecifications

Transinission rio	perties and Electrical op	comoanons			
FREQ.		Min.	NEXT		Min RL
MHz		d	IB		dB
	1 m cord	2 m cord	5 m cord	10 m cord	
1.0	65.0	65.0	65.0	65.0	19.8
4.0	65.0	65.0	65.0	65.0	21.6
8.0	65.0	65.0	65.0	64.8	22.5
10.0	65.0	65.0	64.5	63.0	22.8
16.0	62.7	62.0	60.5	59.1	23.4
20.0	60.7	60.1	58.7	57.3	23.7
25.0	58.8	58.2	56.8	55.4	24.0
31.25	56.9	56.3	54.9	53.6	23.0
62.5	51.0	50.4	49.2	48.1	20.0
100	47.0	46.4	45.4	44.5	18.0
200	41.1	40.7	39.9	39.3	15.0
250	39.3	38.9	38.1	37.7	14.0
300	36.4	36.2	35.9	35.8	12.8
400	31.8	31.9	32.1	32.5	10.9
500	28.2	28.4	29.0	29.8	9.5

Characteristic Impedance	100±6 Ohm @ 1-500 MHz	
Contact Resistance	20 mOhm max.	
Resistance unbalance	2% max.	
Voltage rating	72 Vdc max.	
Dielectric strength	1000 Volts/1 minute min rms	
Ampacity	1.0 Amps max.	
Insulation Resistance	500 MOhm min. @ 500 Vdc	
Coupling attenuation	85 dB min @ 30-100 MHz 85-20log(f/100) @100-500 MHZ	
Transfer Impedance	10mOhm/m max @1-10 MHZ 30 mOhm/m max @30 MHZ	

## Typical NEXT Loss



## **Ordering Information**

HCS P/N	Description	Lenght (m)	Notes
T6A-00470-101	4x2x26# S/FTP CAT 6A PVC Modular Cord Grey	1.0	
T6A-00480-101	4x2x26# S/FTP CAT 6A LS0H Modular Cord Grey	1.0	
T6A-00470-201	4x2x26# S/FTP CAT 6A PVC Modular Cord Grey	2.0	
T6A-00480-201	4x2x26# S/FTP CAT 6A LS0H Modular Cord Grey	2.0	
T6A-00470-301	4x2x26# S/FTP CAT 6A PVC Modular Cord Grey	3.0	
T6A-00480-301	4x2x26# S/FTP CAT 6A LS0H Modular Cord Grey	3.0	
T6A-00470-501	4x2x26# S/FTP CAT 6A PVC Modular Cord Grey	5.0	
T6A-00480-501	4x2x26# S/FTP CAT 6A LS0H Modular Cord Grey	5.0	
T6A-00470-701	4x2x26# S/FTP CAT 6A PVC Modular Cord Grey	7.0	
T6A-00480-701	4x2x26# S/FTP CAT 6A LS0H Modular Cord Grey	7.0	
T6A-00470-001	4x2x26# S/FTP CAT 6A PVC Modular Cord Grey	10	
T6A-00480-001	4x2x26# S/FTP CAT 6A LS0H Modular Cord Grey	10	

Note: Standard color: Light Gray RAL 7035. Other colors available for selection from Color Table No. 6.